

# Andrew Dunne

## Senior Full-Stack Software Engineer

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## PROFESSIONAL SUMMARY

Senior Full-Stack Software Engineer with 6+ years of experience delivering enterprise-scale web applications for public sector clients. Proven track record leading technical delivery across diverse technology stacks including React, Angular, .NET, Java, and cloud platforms. Expert in Agile delivery, accessibility compliance, CI/CD practices, and stakeholder engagement. Passionate about building scalable, user-focused solutions with strong emphasis on code quality and maintainability.

## TECHNICAL SKILLS

**Frontend:** React, Angular (v12+), JavaScript, TypeScript, HTML5, CSS3, SCSS

**Backend:** .NET Core, C#, Node.js, Java, Groovy, PHP | **Databases:** SQL Server, DynamoDB

**Cloud & DevOps:** Azure, AWS, Azure DevOps, CI/CD pipelines, Docker | **Testing:** Jest, Cypress, JMeter

**Tools:** Power Platform (PowerApps, Power Automate), Flowable, Git, NgRx, Nx

**Methodologies:** Agile, Scrum, UX Design, Accessibility Compliance (WCAG), DevSecOps

## PROFESSIONAL EXPERIENCE

### BearingPoint, Dublin - Senior Technology Consultant

March 2024 - Present

- **Lead Developer for digital transformation of case management system**
  - Lead technical delivery of multiple systems including internal portals built with **React** and public-facing portal developed in **PHP**, serving thousands of public sector users
  - Architect and develop case management system powered by **Flowable**, integrating **Java** and **Groovy** to support complex workflow automation for property valuation processes
  - Manage end-to-end development lifecycle from proof of concept through deployment, ensuring compliance with strict security and accessibility standards (WCAG 2.1 AA)
  - Drive structured **bi-monthly release cycle** using **AWS** cloud services and **GitLab CI/CD** pipelines
  - Conduct UX reviews and accessibility assessments to meet industry standards and improve user experience
  - Act as technical liaison between development teams and stakeholders, translating requirements into scalable solutions
  - Mentor junior developers through code reviews, pair programming, and technical guidance

### BearingPoint, Dublin - Technology Consultant

March 2022 - March 2024

- Developer for large public body
  - Developed and maintained **Power Apps** which were developed and deployed rapidly in production environments to address high-value client needs
  - Implemented monitoring and logging infrastructure using **ELK stack** (Elasticsearch, Logstash, Grafana) to improve system observability and diagnostics
  - Built **Power BI** dashboards for real-time performance monitoring and business intelligence
  - Optimized SQL database queries and backend processes using **.NET Framework**
  - Supported secure cloud deployments using **Azure** services and implemented workflow automation

with **Power Automate**

- Participated in Agile delivery practices including sprint planning, retrospectives, and stakeholder engagement

### **Version 1, Dublin - .Net/Angular Consultant**

July 2019 - March 2022

- Large digital transformation project of a case management system
  - Instrumental in transforming legacy case management system into modern, responsive single-page web application using **Angular**, **NgRx**, and **Nx** monorepo
  - Developed RESTful APIs and backend services using **.NET Core 3.1** and **Azure Function Apps**, supporting 2,000+ concurrent users
  - Integrated **SignalR** for real-time communication features
  - Implemented performance monitoring using **Azure Application Insights**
  - Built **PowerApps** and **Power Automate** workflows for document management integrated with **SharePoint**
  - Conducted comprehensive testing using **JMeter** (performance), **Cypress** (E2E), and **Jest** (unit tests)
  - Reviewed UX designs and participated in client feedback sessions to ensure application met user needs and accessibility standards
  - Collaborated with cross-functional teams in Agile environment, contributing to DevSecOps practices for secure and scalable delivery

## **EDUCATION**

### **IADT, Dun Laoghaire - BSc (Hons) Creative Computing, First Class Honours**

September 2015 - May 2019

- **Final Year Project:** Procedural Generation – Investigation of Perlin and Simplex noise algorithms to create natural terrain using **Unity** and **C#**
- **Key Modules:** Advanced **JavaScript** (MERN stack), Data Visualization (**R**, **Tableau**), Business Strategy & Analytics (**Python**, **Jupyter**), Generative Design (**JavaScript**, **p5.js**, **D3.js**)

## **CERTIFICATIONS**

Microsoft Power Platform Functional Consultant Associate (**PL-200**) - 2022

Microsoft Power Platform Fundamentals (**PL-900**) - 2021

Microsoft Azure Fundamentals (**AZ-900**) - 2021

AWS Cloud Practitioner - 2019

## **ACHIEVEMENTS**

**BearingPoint “Team Player” Award** (2024) – Received award and advanced to senior role within 2 years based on technical leadership and project delivery excellence

**BearingPoint “Fast Starter” Award** (2022) – Recognized for exceptional early contributions and rapid skill development